

**From:** [Benjamin Shorr](#)  
**To:** [Robert Gensemer](#); [Eric Blischke/R10/USEPA/US@EPA](#); [Jay Field](#); [Jim Koloszar](#)  
**Subject:** Re: Fwd: Revised Risk Screening Table  
**Date:** 12/19/2006 08:35 AM

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Bob-

This looks like a good compilation- it may be a good idea to check out the Chemcode dictionary that we use in Query Manager (if you have it installed on your computer, check out the file **chemdict.dbf** under c:\qm26win\). Open it in Excel when Query Manager is NOT running... This "dictionary" spreadsheet is one of the lookup tables that contains the Chemical/Analyte and the CHEMCODE. For consistency and simplilcity, I recommend that we match the chemicals and use the chemcodes. This also helps eliminate the kind of punctuation errors like bis (2-... vs. bis 2-.

We may have a lookup table for the Chemical names in the SCRA to the Chemical names in Query Manager- Jay has requested this from our contractor.

I will do some dry runs (queries) incorporating these draft lists and see if there's any changes I would make to the format.

Thanks-  
Ben

Robert Gensemer wrote:

Here is the draft table--still doing QA, so don't start pulling data yet. In particular, I'd like your opinion on spreadsheet format.  
-Bob

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Subject: Revised Risk Screening Table  
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I have updated the table:

- 1) Incorporated a number of TELs (from the NOAA SQRT) and MacDonald  
TECs. I created a hierarchy for non-site specific SQGs -  
TECs/PECs,  
TELs/PELs, JSCS values.
- 2) Updated the dietary TRVs per our direction to LWG. This  
resulted in  
adding dietary TRVs for DDT, Pb and Cr (Mammals) and DDE (Birds).
- 3) Confirmed and revised the tissue PRGs for human health. Fish  
tissue  
PRGs are based on tribal scenarios - adult for carcinogens and  
child for  
non-carcinogens; shell fish are based on standard adult  
(carcinogen) and  
child (non carcinogen) 17.5 g/day.
- 4) Added dietary dose based TRVs for fish.

I have the following questions:

- 1) Is there a mercury fish consumption water screening number for  
human  
health? AWQCs are based on fish tissue concentrations. Eco  
numbers are  
available.
- 2) I am not sure what to do about TPH. The numbers we used  
previously  
seem too conservative.
- 3) Do we have dietary TRVs applicable to birds and mammals TEQ  
PCBs?
- 4) How do we or should be include an egg TRVs for birds? I note  
that  
we included direction to the LWG to use an egg TRV of 0.3 mg/kg  
for PCBs
- 5) What aquatic tissue TRV should we use for PCBs? The long  
accepted  
value (Fox River and Hudson River) is 0.72 mg/kg. A case can be  
made  
for using 0.2 mg/kg based on a species sensitivity distribution.

I want this list of chemicals to serve as the basis for our  
subsequent  
screening efforts. If you want to add any chemicals for any  
pathway,  
please let Bob and I know by COB on Monday. It is likely that we  
will  
need prioritize this list further but I want to make sure we have  
a good  
starting point. In addition, we will have the ability to add  
chemicals  
later if we feel it is critical to our evaluation. I would also  
like to  
schedule a meeting to discuss this list and our next steps early  
next  
week. I will be out of the office beginning tomorrow and  
returning  
Thursday. However, I (b) (6)  
any  
time to talk and on Friday, Tuesday and Wednesday for a conference  
call.

Thanks, Eric

(See attached file: RiskParameters.xls)

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